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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/082,546

DATE: 03/13/2002

TIME: 14:30:06

Input Set : A:\seq list.txt

Output Set: N:\CRF3\03132002\J082546.raw

## SEQUENCE LISTING

1 (1) GENERAL INFORMATION:  
 C--> 2 (i) APPLICANT:  
 3 Lacroix, Jean-Michel  
 5 (ii) TITLE OF INVENTION: METHOD AND KIT FOR QUANTITATION AND  
 6 NUCLEIC ACID SEQUENCING OF NUCLEIC ACID ANALYTES IN A  
 SAMPLE  
 7 (iii) NUMBER OF SEQUENCES: 7  
 8 (iv) CORRESPONDENCE ADDRESS:  
 9 (A) ADDRESSEE: Oppedahl & Larson  
 10 (B) STREET: PO Box 5068  
 11 (C) CITY: Dillon  
 12 (D) STATE: CO  
 13 (E) COUNTRY: US  
 14 (F) ZIP: 80435-5068  
 15 (v) COMPUTER READABLE FORM:  
 16 (A) MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage  
 17 (B) COMPUTER: IBM compatible  
 18 (C) OPERATING SYSTEM: MS DOS  
 19 (D) SOFTWARE: Word Perfect  
 20 (vi) CURRENT APPLICATION DATA:  
 C--> 21 (A) APPLICATION NUMBER: US/10/082,546  
 C--> 22 (B) FILING DATE: 25-Feb-2002  
 23 (C) CLASSIFICATION:  
 24 (vii) PRIOR APPLICATION DATA:  
 25 (A) APPLICATION NUMBER:  
 26 (B) FILING DATE:  
 27 (viii) ATTORNEY/AGENT INFORMATION:  
 28 (A) NAME: Larson, Marina T.  
 29 (B) REGISTRATION NUMBER: 32,038  
 30 (C) REFERENCE/DOCKET NUMBER: VGEN.P-054  
 31 (ix) TELECOMMUNICATION INFORMATION:  
 32 (A) TELEPHONE: 970 468 6600  
 33 (B) TELEFAX: 970 468 0104  
 34 (C) TELEX:  
 36 (2) INFORMATION FOR SEQ ID NO: 1:  
 37 (i) SEQUENCE CHARACTERISTICS:  
 38 (A) LENGTH: 433  
 39 (B) TYPE: nucleic acid  
 40 (C) STRANDEDNESS: double  
 41 (D) TOPOLOGY: linear  
 42 (ii) MOLECULE TYPE: genomic RNA  
 43 (iii) HYPOTHETICAL: no  
 44 (iv) ANTI-SENSE: no

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45      (v) FRAGMENT TYPE: internal
46      (vi) ORIGINAL SOURCE:
47          (A) ORGANISM: HIV-1
48      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
50 AAAAGTTAAA CAATGGCCAT TGACAGAAGA AAAAATAAAA GCATTAGTAG 50
51 AAATTTGTAC AGAGATGGAA AAGGAAGGGA AAATTCAAA AATTGGGCCT 100
52 GAAAATCCAT ACAATACTCC AGTATTGCGC ATAAAGAAAA AAGACAGTAC 150
53 TAAATGGAGA AAATTAGTAG ATTCAGAGA ACTTAATAAG AGAACTCAAG 200
54 ACTTCTGGGA AGTTCAATT GGAATACCAC ATCCCAGGAG GTTAAAAAAG 250
55 AAAAAATCAG TAACAGTACT GGATGTGGGT GATGCATATT TTTCAGTTCC 300
56 CTTAGATGAA GACTTCAGGA AGTATACTGC ATTTACCATA CCTAGTATAA 350
57 ACAATGAGAC ACCAGGGATT AGATATCAGT ACAATGTGCT TCCACAGGGA 400
58 TGGAAAGGAT CACCAGCAAT ATTCAAAGT AGC 433
C--> 61 (2) INFORMATION FOR SEQ ID NO: 2:
62      (i) SEQUENCE CHARACTERISTICS:
63          (A) LENGTH: 56
64          (B) TYPE: nucleic acid
65          (C) STRANDEDNESS: single
66          (D) TOPOLOGY: linear
C--> 67      (ii) MOLECULE TYPE: other nucleic acid
68      (iii) HYPOTHETICAL: NO
69      (iv) ANTI-SENSE: NO
70      (v) FRAGMENT TYPE: internal
71      (vi) ORIGINAL SOURCE:
72          (A) ORGANISM: HIV-1
73      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
75 GGCCATTGAC AGTCCTAAAT AAATAGCAAA GAAAAATAA AAGCATTAGT AGAAAT 56
C--> 78 (2) INFORMATION FOR SEQ ID NO: 3:
79      (i) SEQUENCE CHARACTERISTICS:
80          (A) LENGTH: 30
81          (B) TYPE: nucleic acid
82          (C) STRANDEDNESS: single
83          (D) TOPOLOGY: linear
C--> 84      (ii) MOLECULE TYPE: other nucleic acid
85      (iii) HYPOTHETICAL: NO
86      (iv) ANTI-SENSE: NO
87      (v) FRAGMENT TYPE: internal
88      (vi) ORIGINAL SOURCE:
89          (A) ORGANISM: HIV-1
90      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
92 TGCTGGTGAT CCTTTGGATC CCTGTGGAAG 30
C--> 94 (2) INFORMATION FOR SEQ ID NO: 4:
95      (i) SEQUENCE CHARACTERISTICS:
96          (A) LENGTH: 26
97          (B) TYPE: nucleic acid
98          (C) STRANDEDNESS: single
99          (D) TOPOLOGY: linear
C--> 101     (ii) MOLECULE TYPE: other nucleic acid
102     (iii) HYPOTHETICAL: NO

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103 (iv) ANTI-SENSE: NO  
104 (v) FRAGMENT TYPE: internal  
105 (vi) ORIGINAL SOURCE:  
106 (A) ORGANISM: HIV-1  
107 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
109 AAAAGTTAAA CAATGGCCAT TGACAG 26  
C--> 112 (2) INFORMATION FOR SEQ ID NO: 5:  
113 (i) SEQUENCE CHARACTERISTICS:  
114 (A) LENGTH: 27  
115 (B) TYPE: nucleic acid  
116 (C) STRANDEDNESS: single  
117 (D) TOPOLOGY: linear  
C--> 118 (ii) MOLECULE TYPE: other nucleic acid  
119 (iii) HYPOTHETICAL: NO  
120 (iv) ANTI-SENSE: NO  
121 (v) FRAGMENT TYPE: internal  
122 (vi) ORIGINAL SOURCE:  
123 (A) ORGANISM: HIV-1  
124 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
125 GCTACTTTGG AATATTGCTG GTGATCC 27  
C--> 127 (2) INFORMATION FOR SEQ ID NO: 6:  
128 (i) SEQUENCE CHARACTERISTICS:  
129 (A) LENGTH: 26  
130 (B) TYPE: nucleic acid  
131 (C) STRANDEDNESS: single  
132 (D) TOPOLOGY: linear  
C--> 133 (ii) MOLECULE TYPE: other nucleic acid  
134 (iii) HYPOTHETICAL: NO  
135 (iv) ANTI-SENSE: NO  
136 (v) FRAGMENT TYPE: internal  
137 (vi) ORIGINAL SOURCE:  
138 (A) ORGANISM: HIV-1  
139 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
141 GTTAAACAAAT GGCCATTGAC AGAAGA 26  
C--> 143 (2) INFORMATION FOR SEQ ID NO: 7:  
144 (i) SEQUENCE CHARACTERISTICS:  
145 (A) LENGTH: 24  
146 (B) TYPE: nucleic acid  
147 (C) STRANDEDNESS: single  
148 (D) TOPOLOGY: linear  
C--> 149 (ii) MOLECULE TYPE: other nucleic acid  
150 (iii) HYPOTHETICAL: NO  
151 (iv) ANTI-SENSE: NO  
152 (v) FRAGMENT TYPE: internal  
153 (vi) ORIGINAL SOURCE:  
154 (A) ORGANISM: HIV-1  
155 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:  
157 GGAATATTGC TGGTGATCCT TTCC 24

VERIFICATION SUMMARY  
PATENT APPLICATION: US/10/082,546

DATE: 03/13/2002  
TIME: 14:30:07

Input Set : A:\seq list.txt  
Output Set: N:\CRF3\03132002\J082546.raw

L:2 M:220 C: Keyword misspelled or invalid format, [(i) APPLICANT:]  
L:21 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]  
L:22 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]  
L:61 M:220 C: Keyword misspelled or invalid format, [(2) INFORMATION FOR SEQ ID NO:]  
L:67 M:220 C: Keyword misspelled or invalid format, [(ii) MOLECULE TYPE:]  
L:78 M:220 C: Keyword misspelled or invalid format, [(2) INFORMATION FOR SEQ ID NO:]  
L:84 M:220 C: Keyword misspelled or invalid format, [(ii) MOLECULE TYPE:]  
L:94 M:220 C: Keyword misspelled or invalid format, [(2) INFORMATION FOR SEQ ID NO:]  
L:101 M:220 C: Keyword misspelled or invalid format, [(ii) MOLECULE TYPE:]  
L:112 M:220 C: Keyword misspelled or invalid format, [(2) INFORMATION FOR SEQ ID NO:]  
L:118 M:220 C: Keyword misspelled or invalid format, [(ii) MOLECULE TYPE:]  
L:127 M:220 C: Keyword misspelled or invalid format, [(2) INFORMATION FOR SEQ ID NO:]  
L:133 M:220 C: Keyword misspelled or invalid format, [(ii) MOLECULE TYPE:]  
L:143 M:220 C: Keyword misspelled or invalid format, [(2) INFORMATION FOR SEQ ID NO:]  
L:149 M:220 C: Keyword misspelled or invalid format, [(ii) MOLECULE TYPE:]